

Appl. No. : 10/063,516
Filed : May 1, 2002

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An isolated polypeptide having at least 80% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide of shown in Figure 12 (SEQ ID NO: 12);
- (b) the amino acid sequence of the polypeptide of shown in Figure 12 (SEQ ID NO: 12), lacking its associated signal peptide; or
- (c) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 12 (SEQ ID NO: 12);
- (d) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 12 (SEQ ID NO: 12), lacking its associated signal peptide; or
- (e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209788;

wherein said extracellular domain is amino acids 59-100, or 151-161, or 224-239, or 284-323, or 407-427; and

wherein said isolated polypeptide is more highly expressed in normal lung tissue or compared to lung tumor or, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in normal lung tissue compared to lung tumor.

2. (Currently Amended) The isolated polypeptide of Claim 1 having at least 85% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide of shown in Figure 12 (SEQ ID NO: 12);
- (b) the amino acid sequence of the polypeptide of shown in Figure 12 (SEQ ID NO: 12), lacking its associated signal peptide; or
- (c) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 12 (SEQ ID NO: 12);
- (d) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 12 (SEQ ID NO: 12), lacking its associated signal peptide; or
- (e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209788;

wherein said extracellular domain is amino acids 59-100, or 151-161, or 224-239, or 284-323, or 407-427; and

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wherein said isolated polypeptide is more highly expressed in normal lung tissue or compared to lung tumor or, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in normal lung tissue compared to lung tumor.

3. (Currently Amended) The isolated polypeptide of Claim 1 having at least 90% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of shown in Figure 12 (SEQ ID NO: 12);

(b) the amino acid sequence of the polypeptide of shown in Figure 12 (SEQ ID NO: 12), lacking its associated signal peptide; or

(c) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 12 (SEQ ID NO: 12);

(d) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 12 (SEQ ID NO: 12), lacking its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209788;

wherein said extracellular domain is amino acids 59-100, or 151-161, or 224-239, or 284-323, or 407-427; and

wherein said isolated polypeptide is more highly expressed in normal lung tissue or compared to lung tumor or, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in normal lung tissue compared to lung tumor.

4. (Currently Amended) The isolated polypeptide of Claim 1 having at least 95% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of shown in Figure 12 (SEQ ID NO: 12);

(b) the amino acid sequence of the polypeptide of shown in Figure 12 (SEQ ID NO: 12), lacking its associated signal peptide; or

(c) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 12 (SEQ ID NO: 12);

(d) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 12 (SEQ ID NO: 12), lacking its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209788;

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wherein said extracellular domain is amino acids 59-100, or 151-161, or 224-239, or 284-323, or 407-427; and

wherein said isolated polypeptide is more highly expressed in normal lung tissue or compared to lung tumor or, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in normal lung tissue compared to lung tumor.

5. (Currently Amended) The isolated polypeptide of Claim 1 having at least 99% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of shown in Figure 12 (SEQ ID NO: 12);

(b) the amino acid sequence of the polypeptide of shown in Figure 12 (SEQ ID NO: 12), lacking its associated signal peptide; or

(c) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 12 (SEQ ID NO: 12);

(d) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 12 (SEQ ID NO: 12), lacking its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209788;

wherein said extracellular domain is amino acids 59-100, or 151-161, or 224-239, or 284-323, or 407-427; and

wherein said isolated polypeptide is more highly expressed in normal lung tissue or compared to lung tumor or, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in normal lung tissue compared to lung tumor.

6. (Currently Amended) An isolated polypeptide comprising:

(a) the amino acid sequence of the polypeptide of shown in Figure 12 (SEQ ID NO: 12);

(b) the amino acid sequence of the polypeptide of shown in Figure 12 (SEQ ID NO: 12), lacking its associated signal peptide; or

(c) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 12 (SEQ ID NO: 12);

(d) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 12 (SEQ ID NO: 12), lacking its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209788;

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wherein said extracellular domain is amino acids 59-100, or 151-161, or 224-239, or 284-323, or 407-427; and

wherein said isolated polypeptide is more highly expressed in normal lung tissue or compared to lung tumor or, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in normal lung tissue compared to lung tumor.

7. (Currently Amended) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide of shown in Figure 12 (SEQ ID NO: 12).

8. (Currently Amended) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide of shown in Figure 12 (SEQ ID NO: 12), lacking its associated signal peptide.

9. (Canceled).

10. (Canceled).

11. (Original) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209788.

12. (Original) A chimeric polypeptide comprising a polypeptide according to Claim 1 fused to a heterologous polypeptide.

13. (Original) The chimeric polypeptide of Claim 12, wherein said heterologous polypeptide is an ~~epitope~~ tag polypeptide or an Fc region of an immunoglobulin.

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DELETION OF INVENTORS

Please correct the inventorship under 37 CFR §1.48(b) by removing the following inventors from the present application:

Dan L. Eaton, Ellen Filvaroff, Mary E. Gerritsen, and Colin K. Watanabe.